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Dated:

3/29/05

Docket No.: 06727/000H560-US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Daniel GEIST et al.

Application No.: 09/605,334

Confirmation No.: 3652

Filed: June 27, 2000

Art Unit: 2123

For: IDENTIFICATION OF MISSING
PROPERTIES IN MODEL CHECKING

Examiner: Stevens, Thomas H.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached PTO/SB/08. In the Office Action dated December 29, 2004, the Examiner stated that in the previous Information Disclosure Statement, specifically the publication date of the Milner-R reference was missing. Therefore, we submit this Supplemental Information Disclosure Statement and respectfully request that the information be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement should be considered, in accordance with 37 C.F.R. 1.97(c)(2), as it is filed after the mailing date of a first Office Action on the merits, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have paid the necessary fee as set forth in 1.17(p), presently believed to be \$180.

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed documents.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: March 28, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/605,334
				Filing Date	June 27, 2000
				First Named Inventor	GEIST, Daniel
				Art Unit	2123
				Examiner Name	Stevens, Thomas H.
Sheet	1	of	1	Attorney Docket Number	06727/000H560-US0

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in the present application. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ^o Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA**	CLARK, E. Jr. et al., Model Checking, Chapter 1, MIT Press 1999, pp. 4-6	
	CB**	MCMILLAN, K., Symbolic Model Checking, Kluwer Academic Publishers, Chapter 2, pg. 2 and pg. 11-12, 1993, Norwell, Massachusetts	
	CC**	GRUMBERG, O. et al., "Model Checking and Modular Verification", ACM Transactions on Programming Languages and Systems, vol. 16, no. 3, May 1994, pp. 843-871.	
	CD**	CLARKE, E. et al., "Verification of the Futurebus+ Cache Coherence Protocol", Proceedings of the 11th International Conference on Computer Hardware Description Languages, October 1992, pp. 1-14	
	CE**	MANNA, Z. et al., "Temporal Verification of Reactive Systems - Safety", Springer-Verlag, 1995, Chapter 5, pp. 451-455	
	CF**	MILNER, R., "An Algebraic Definition of Simulation Between Programs", Proceedings of the 2nd International Joint Conference on Artificial Intelligence, Session No. 11, Theoretical Foundations; BCS, pp. 481-489, 1971.	
	CG**	BEER, I. et al., "RuleBase: Model Checking at IBM", Computer Aided Verification Conference, Haifa, July 1997, pp. 1-4.	
	CH**	KATZ, S. et al., "Have I written enough Properties? - A Method of Comparison between Specification and Implementation", Proceedings of the 10th IFIP WG 10.5 Advanced Research Working Conference on Correct Hardware Design and Verification Methods, p. 280-297, September 27-29, 1999.	
	CI**	HOSKOTE, Y. et al, "Coverage Estimation for Symbolic Model Checking", Proceedings of the Design Automation Conference DAC '99 (IEEE Computer Society Press, 1999), pp. 300-305.	
	CJ**	BEER, I. et al., "RuleBase: an Industry-Oriented Formal Verification Tool", Design Automation Conference DAC '96, Las Vegas, June 1996, pp. 1-6.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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